

MERRY CHRISTMAS

A Record of
Continuous News Service
For 48 Years



Official
Undergraduate News Organ
of M. I. T.

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CAMBRIDGE, MASS., FRIDAY, DECEMBER 20, 1929

Price Five Cents

TECHNOLOGY MAT TITLES DECIDED IN FINAL BOUTS

Wrestlers Complete Tourney
Which Was Introduced
By Coach Ricks

KOLLER WINS HEAVIES

Champions in Eight Classes
Chosen by Elimination
Tournament

In the six wrestling finals which were held Wednesday several upsets occurred which were not looked for. The most unexpected of these was when George Koller, a transfer from New York University, threw David Rabinow for the title. Rabinow was one of the most promising men on the freshman team last year and still is the outstanding prospect for the Varsity heavyweight, as Koller is ineligible on account of the one year transfer rule.

In the 175 pound class William Ward won by a decision over Donald Sterns. Captain Allen Stone of the Varsity won his bout by a fall and thus eliminated the other 165 pound contender, Robert Moore. John Cooper won by a fall over Snape and gained the title in the 145 pound class. Phil Negus of Fall River, a sophomore, and Alvah Perkins, one of the strong contenders last year, wrestled for four minutes and thirty seconds with the former a victor by a fall.

One hundred and fifteen class—Ax-ford threw Ripin.

One hundred and twenty-five class—Van Buren threw Pearson.

One hundred and thirty-five class—Phil Negus threw Alvah Perkins.

One hundred and forty-five class—John Cooper threw Ralph Stone.

One hundred and fifty-five class—Louis Vassolotti threw Douglas Penn-ing.

One hundred and sixty-five class—Capt. Allen Stone threw Robert Moore.

One hundred and seventy-five class—William Ward defeated Donald Sterns, decision.

Heavyweight class—George Koller threw David Rabinow.

SIGNUPS FOR 1931 PROM CLOSE TODAY

Signups and Table Reservations
Must Be Paid for Today

Sale of the signups for the Junior Prom will close today and will not be continued after the Christmas vacation. A desk will be maintained in the Main Lobby between 12 and 2 o'clock today for those who wish to sign up before the campaign ends.

Over two-thirds of the signups have already sold since the sale was started last week. Due to the fact that some of these have not been paid for, the committee wishes to announce that all signups and table reservations will be forfeited unless paid in full before the close of the drive.

Efficient Cambridge Fire Fighters Prove Worth

Yesterday at three o'clock the word flashed through the Fire Department "Fire At Tech", immediately the efficient Cambridge Fire Department came to the fore and came dashing to Technology to quench the blaze which they believed to be eating at its core. The firemen first visited building 2, then went to the Homberg Infirmary, and then dashed into 69. In the meanwhile the ladder truck arrived and was getting into position to raise the ladders, when the chief arrived, dashed into 69 with all intent to guide his men in their perilous work. No sooner did he go in, than he was out again with a broad grin on his face. It seems that the call came from Rindge Technical School, which the Fire Department in their haste interpreted as being Technology.

Harvard Boys Abolish Rough Noisy Ping Pong

Now comes word from across the tracks that the Harvard boys have voted not to allow ping pong to be played in the clubhouse of the Harvard Business Club. This was decided on the grounds that the game was too noisy. The unseemly furore attendant to playing ping pong would prevent quiet reading and study. Whoops my Deah!

Crew Enthusiasts Stage Banquet in Walker Memorial

Coach Haines Urges Students
To Help in Making This
A Banner Year

Coach "Bill" Haines was the chief speaker at the crew banquet held last Wednesday evening in the Grill Room of Walker Memorial. There were 60 men present at the banquet which was open to members of the various crews at the Institute and also to members of the student body interested in this sport.

Coach Haines in his speech urged everyone present to help make this a banner year in crew. He spoke of the hard schedule that has been arranged and the efforts that must be made to make crew successful. In line with the latter, he suggested that all members of the crews should run to classes instead of walking or riding.

Other speeches were given by Warren H. Dolben '30, coach of the freshman crew, Charles B. Conwell '31, coach of the 150 lb. crew, Philletus H. Holt '30, captain of the Varsity, and Byron L. Mackusick '30, captain of the 150 lb. crew.

Eight new men were initiated into the Boat Club preceding the banquet. The new members are J. Harold Genrich '31, Philip S. Cook '32, Joseph T. Cimorelli '32, James M. Dunlap '32, Curtis D. Cummings '32, Herbert E. Raymond, Jr. '31, Wolfgang M. Kloenne '32, and Albert W. Dunning '32.

LOWELL INSTITUTE PRESENTS LECTURES

"From Westernmost Kansu to the Pamirs" is the topic of which Sir Aurel Stein, Fellow of the British Academy, and former member of the Archeological Survey of India, will speak tomorrow in Huntington Hall, Rogers Building. The lecture is at 8 o'clock in the evening, but the doors will be opened at 7:30 o'clock, and closed as soon as the lecture starts. This lecture is the last of the series presented by Sir Stein.

The next series of lectures to be presented under the auspices of the Lowell Institute will be by George La Piana, Professor of Church History, Harvard University. The main theme of his talks will be "Christianity at the Beginning of the Fifth Century, and St. Augustine, Bishop of Hippo." These lectures will be given to commemorate the fifteenth centennial of St. Augustine's death, August 28th, A. D. 430. The series will begin January 6, and continue thereafter every Monday and Wednesday at 8 o'clock. The course will be covered in six lectures.

REPORT LARGE SALE RAILROAD TICKETS

Railroad representatives report a total of approximately two thousand dollars worth of ticket sales during their short period of service in the T. C. A. office. The Boston and Albany and Boston and Maine Railroads announce that they will be pleased to give such service at future Christmas holidays or at any other time when an appreciable number of men are leaving for distant points.

It is realized that these Railroads are doing this merely for the service to Technology men, for they would secure the sales at their regular offices anyway. The T. C. A. was interested in the project as a part of their policy of extending service to any man at any time and to eliminate the time, carfare, and bother to students of waiting in several long ticket lines at local Railroad Stations.

CAGEMEN LOSE TO HARVARD FIVE BY SCORE OF 33-24

Nee, Star Forward for M. I. T.
Is High Point Man on
Engineer Five

TECHNOLOGY LOSES LEAD

Frosh Lose to Crimson Cagers
43 to 28—Feustel Leads
M. I. T. Scoring

Losing the lead late in the first period, the Engineer cagemen dropped their first game this season against the strong Crimson five in a hard fought contest Wednesday night at Harvard by the score of 33 to 24. Technology's game was marked by the number of shots that fell off the hoop on the desperate tries of the Beaver basketballers to tie the score. Had the Engineers been able to make a higher percentage of their attempts, they might have been able to add another victory for M. I. T.

Low Score in First Half

Neither team was able to get away in the first half to run up a score. Technology carried the ball for most of the period, but was shooting poorly and managed to keep a slight lead over their Crimson rivals. Nee was high point man for M. I. T., scoring only one point less than Wenner star Harvard forward. Eleven points of the 24 made by Technology were due to his prowess. Wenner, captain of the Harvard quintet, held scoring honors for his team with 10 points. Al-

(Continued on Page 3)

Hunsaker a Pioneer in the Development And Design of First Naval Aircraft

Installed Wind Tunnel to Test
Model Airplanes for
Performance

Commander Jerome C. Hunsaker '12, vice-president of Goodyear Zeppelin Corporation and former naval attaché of the American Embassy in London is widely known for his pioneer work in the development, design and construction of the airplane in this country. As the Institute's first instructor in Aeronautical Engineering he undertook the construction of a wind tunnel for testing model airplanes. In the aircraft division under Admiral Taylor he produced the first modern naval airship from which the C and D types of dirigibles were later developed.

Commander Hunsaker graduated from the Naval Academy in 1908 and from the Institute as a naval architect in 1912. After a year abroad studying Eiffel's work he returned to serve as an instructor and research assistant and to train a number of experts in aeronautical construction. It was at this time that a wind tunnel became almost a necessity for the basis of new designs in the calculation of lift and drift and other data. The tunnel was erected and went into operation in 1914 in the laboratory which was the first building of any kind on the Cambridge site. When completed and housed in the paper-covered shack, it represented a combination of similar devices in England, France and Germany which Hunsaker had visited the year before his return. It has continued in operation to the present day with the ex-

Amateur Sleuth Now Employed by Walker

Walker Memorial Dining Service has lately employed an exceedingly amateur sleuth to take charge of the cash register at night. This would-be Sherlock Holmes nightly keeps his eagle eye on all the cash customers to make certain that none of them escape without paying. Many pleasant situations are created when he accosts those who have already paid and more less accuses them of attempted larceny.

Sophomore Class Loses Power In Student Affairs

Institute Committee Dismisses
Gurowich from Further
Participation

Because of continued absences extending throughout this year, the Institute Committee has finally decided that Edward J. Gurowich '32 shall lose his membership as a representative of the Sophomore Class. Since the constitution states that two consecutive absences from meetings without sufficient excuse is a liability to a loss of representation, this course of action was thought to be necessary by the Institute Committee.

As a result of this action the Sophomore Class loses its representation in the student affairs of the Institute. The only way in which the class may remedy the present situation is to present a petition to the Institute Committee requesting a renewal of its representation. If the Committee approves this petition, the class may then send a representative of their choice to the meetings.

SQUARE DESIGN IS CHOICE FOR CREST OF SENIOR RINGS

Examples Shown Unapproved
By Institute Committee
For Standard

NO SATISFACTION FOUND

Specimens Submitted by Four
Firms Do Not Satisfy
Expectations

As a further step in the question of the choice of a standard Senior Ring, a square crest has been approved with the choice of workmanship to be left to the discretion of the ring committee. This action was felt to be necessary because of the wide differences of opinion in regard to the several designs submitted for approval.

Four different firms sent in specimens of their work with designs along the order of a beaver on the crest of the ring. Some fault was found with each of the examples exhibited, however, and there was no majority in favor of any ring. Several different specimens were voted upon, but there seemed to be something wrong in the details of the design of each.

The general opinion was for a square design for the crest of the ring. Among the specimens on exhibition was a ring of this type, but there was a general dissatisfaction with the rest of the design. The other rings were not approved because a majority favored the square crest.

It was suggested that a choice of a firm be made, and that they be requested to submit a design of this type. The fact was brought up that this could not be done in good faith, and it would be unwise to follow out this plan. The final decision was to leave the choice of workmanship entirely in the hands of the ring committee.

FACULTY CLUB WILL HOLD MEETING TODAY

"Massachusetts Tercentenary
Celebration" is Subject

Mr. Herbert Parker, chairman of the Massachusetts Bay Colony Tercentenary Commission, will be the speaker at the luncheon meeting of the Faculty Club held at noon today in the North Hall of Walker Memorial.

Mr. Parker is chairman of the commission which has for some time been formulating plans for the state-wide observance of the tercentennial anniversary of the founding of the Massachusetts Bay Colony. The observance will consist of exhibits representing many phases of past and present life in the state of Massachusetts and will continue throughout the year.

Financial Report for Sports are Completed

	Amount Granted
	1929-30
Varsity Basketball	\$ 941.80
Freshmen Basketball	194.35
Boxing	565.61
Crew	2,382.32
Cross Country	1,034.43
Fencing	727.32
Field Day	119.83
Field Day Banquet	187.50
Field Day Football	9.70
Golf	235.10
Gym	850.00
Varsity Hockey	1,323.20
Freshmen Hockey	45.40
M. I. T. A. A.	1,276.20
Publicity	135.00
Varsity Rifle	466.98
Freshmen Rifle	63.71
Varsity Soccer	520.00
Freshmen Soccer	77.56
Varsity Swimming	1,255.88
Freshmen Swimming	270.48
Varsity Track	2,960.54
Freshmen Track	258.70
Varsity Tennis	400.00
Freshmen Tennis	100.00
Wrestling	956.70
Dr. Johnson	300.00
Total	\$17,338.44

Today's Issue of THE TECH is Last of 1929

Today's issue of THE TECH will be the last until after the Christmas vacation, the issue of Monday, January 6, being the first of the New Year. The staff and members of the managing board of THE TECH join in wishing to all a Merry Christmas and a happy New Year, and a pleasant Christmas vacation.

A Record of Continuous News Service for 48 Years



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ON THE DOTTED LINE
TECHNOLOGY'S Nineteen Hundred and Thirty Junior Prom is just around the corner. If Time maintains its present reckless clip the momentous event will arrive almost before the last Christmas necktie is wrinkled beyond repair.

The approaching Junior Prom has, besides the customary pleasures of such a function, to offer the Promenaders two particularly noteworthy reasons for attending.

Walker Memorial will be the scene of the merry-making and it will be the first time in many years that a Junior Prom has been held on the campus. In its earlier days Junior Prom consisted of an informal get-together of mutton-leg sleeves and bearded seniors with probably a crowded bicycle rack outside the door. This was in the old buildings on Boylston street. It is with this heritage that the Prom has developed into the present-day gala affair. It is probably no more fun today than in that mellow past but it is more elaborate and more important. Walker Memorial is the logical ball-room, possessing the qualifying dimensions, beauty and sentiment.

The second reason is the orchestra. Paul Specht is well-known to the more fastidious trippers of the light fantastic. Specht and his men enjoyed the honor of playing at the inaugural ball held in Washington last March and were especially commended by Vice-President Curtis for their excellent music.

Today is the last day for "signing-up". A desk is being maintained just opposite the Information Office where signups may be made. This costs \$5.00 and it may be redeemed later for \$7.00 additional. With Christmas just around the corner and the prospect of a surprise from Santa Claus in the offing, every student should sign up today before it is too late to enjoy the dancing and entertainment that the Prom Committee has arranged. So let St. Nicholas bear the burden of the expense and make your preparations now for the biggest social event of the school year.

SHORT-LIVED NEOPHYTES

FEW colleges in the United States give to the individual as much personal freedom as is granted to the student at Technology. Particularly evident is the almost complete "laissez faire" attitude taken with respect to the Greek Letter societies. The complete absence of rules for fraternities is almost unique.

It is expected, therefore, that these fraternities will realize the obligation which is imposed on them—that of conducting their affairs in the most sensible and serious manner possible. Consideration should be given of the obligations imposed upon fraternities on other campuses and the merits of these restrictions.

One of the most universal rules applied to fraternities is that of holding over initiation until the second term of the college year. Calculated to benefit both the fraternity and the individual, this principle might well be adopted wholesale by our fraternities. In the first place, a freshman can hardly gain a true perspective of college life in the few weeks he is in some cases allowed before his initiation. His period of pledgeship should be as the nature of the thing implies—trial of the fraternity by the pledge and of the pledge by the fraternity.

There are other considerations which enter into the reason for this restriction. A freshman can ill afford to suffer the loss of scholastic efficiency which cannot help but accompany an initiation in his first term. He is too much occupied in arriving at the tempo of the work at school, and too prone to lose contact with his instructors through fear of their criticism for work undone. The student who is older in experience can realize that his instructor is willing to help him regardless of his occasional failings. Some of our own fraternities require that a certain number of hours be passed by the candidate before he is admitted as a member. This attitude is highly praiseworthy, not only because it keeps the scholastic record of the fraternity high, but also because it gives the individual something to work for. With scholastic strength, the position of the fraternity on the campus is nearly always high.

Play Directory

STAGE

COLONIAL: "Whoopie." Eddie Cantor at his best.
HOLLIS: "Wings Over Europe." Good plot with excellent acting.
TREMONT: "Meteor." Lynn Fontanne leaving Saturday.
REPERTORY: "Twelfth Night." One of Shakespeare's lighter plays.
COPLY: "Murder on the Second Floor." Last week of this popular play.
WILBUR: "Rope's End." A "sensational thriller" coming Monday.
PLYMOUTH: "The House of Fear." Another thriller.
MAJESTIC: "Naughty Marietta." Part of Victor Herbert Festival.

SCREEN

METROPOLITAN: "The Laughing Lady." Ruth Chatterton and Clive Brook.
FENWAY: "The Great Divide." Dorothy Mackaill in an old-fashioned romance.
LOEW'S STATE: "The Mysterious Island." Preposterous but interesting.
LOEW'S ORPHEUM: "The Locked Door." If you like Harry Landon.
OLYMPIA and UPTOWN: "Show of Shows." Spectacle in color.
KEITH'S: "Sunny Side Up." Another pseudo-opera, with Janet Gaynor.

A doorbell has been invented in Holland that only rings when a penny is dropped into the slot. It is intended to discourage unsolicited interrupters of the busy housewife.

Putnam and Hammond, although not among the first three to cross the line in the four-lap race, showed up well for the entering class. Putnam won his race in the time trials but was not fast enough to outdo some of the more experienced Varsity men in the final rating.

Believing there should be more cheering and less gossip at Ohio University football games, the authorities have ordained that no longer may the men and women sit together in the stands. An occasional wave of the hand or a shout will be the only means of greeting after the two groups have assembled for the game.

Students returning to Ohio University this fall viewed for the first time the new \$185,000 football stadium, with a seating capacity of 12,000, now virtually completed. The stadium is supposed to be one of the most beautiful in the state of Ohio, the greater part being faced with brick to harmonize with the California redwood seats.

Roanoke College has set to work to try to enforce a new set of Freshman Rules. One of these rules applies to hazing. It seems that hazing is detrimental to the freshmen, therefore the authorities state:

"The striking, laying hands on, treating with violence, or offering bodily harm to any student, with the intent to injure or punish him, or other treatment of tyrannical, abuse, shameful, insulting, or intimidating nature, shall be prohibited."



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Survey of Honor System In United States Completed

Investigation Shows That Use Has Increased 10 Per Cent Since 1912

In reply to a questionnaire sent out some time ago to colleges and universities in the country regarding the Honor system, 417 institutions sent information. 160, or 39 per cent, of those replying operate under some kind of Honor System. In 129 of them it is used wholly; in 31 it is used only partially. Of these 31, twenty-one use it only in certain select advance classes, seven employ it in certain departments only, and three use it only in post graduate work. Of the colleges using this system 15 per cent were for men, 35 per cent for women, and the rest coeducational.

251, or 61 per cent of the colleges replying do not have the Honor System. They operate under the faculty espionage or the proctor system, whereby the students are closely watched while they take examinations, whereby no trust is placed in them, and where the shrewder man wins, be he the student or the instructor. This survey shows that there are now 10 per cent more colleges using the Honor System than were shown by a similar survey to be using it in 1912. In that year 66 per cent of the colleges using the system were colleges for men, 17 per cent were for women, and 17 per cent coeducational. In 1928, 15 per cent of the Northeastern group that replied used the system, 23 per cent of the colleges in the North Central group use it, while 38 per cent of the colleges in the Western states that sent information have the Honor System.

Soisalo and Kinraide carried the colors of 1933 across the line in first and second place in the 45-yard dash. The performance of these two men in outrunning Broder, Ayers, and Shaw was remarkable. With a one-foot handicap Soisalo finished three yards in front of the field.

WITH THE AMERICAN COLLEGE EDITORS

A prominent New York newspaper hazarded the other day the opinion that the average English university graduate was a much more mature product than the graduate of a university on this side of the Atlantic. By mature, we presume, it meant that he was more fully developed intellectually, better fitted to carry on his life work. To admit this would be to admit that we are poorer material, less able to benefit by a college training, or that there is some defect in the typical North American university.

It is our belief that the newspaper mentioned is quite correct in making this statement, and the fault lies mostly in the fact that the average American undergraduate (we use "American" here in its broad sense) is less intellectually mature than his English confrere. But we must add to this statement a qualification. The advantage lies with the latter because he is subject to greater selection.

What we mean to express is that in the British Isles there are a smaller number of university students per capita of population than there are in America. Over here, we have a million or more college men and women. Particularly in the United States do we find in almost every city a college of some kind granting degrees. There are State universities which take care of a vast number of students. A college education has become a popular matter.

In England, on the other hand, university education is, comparatively speaking, reserved for a few. By necessity those who do go up to the university are more highly selected, are better intellectual material, and hence, when they graduate, we suppose, somewhat more mature than is the average college student here.

It must be remembered, however, that in speaking of this matter we are speaking of the average university graduate. This cannot be too highly emphasized.



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**Power Production
Movie Feature At
Meeting of C. E. S.**
**Film Depicts Difficult Feats
Of Driving and Lining
Of Tunnels**

At their last meeting on Wednesday, December 18, in North Hall of Walker the Civil Engineering Society was shown, as a feature on the program, the motion picture "Hydroelectric Power Production in the New South".

This film, which was obtained through the courtesy of E. I. du Pont de Nemours & Company, Inc. of Wilmington, Delaware, showed the development of a great hydroelectric project in the heart of the Great Smoky Mountains of North Carolina. How the contractors were forced to blast ledges along the sides of the mountains for the right-of-way for a railroad to the site of the dam; how cables, 200 feet above the river, were thrown across a gorge so that men as well as equipment could be swung across in small cars to the hitherto inaccessible operations; how a flume had to be built to divert the waters of a creek from the tunnel headings and how ingenious machines were designed so that the lining and driving of the tunnels could progress at the same time, are all depicted in the film. Animated graphs outlined the project plans and the same type of illustration made clear to the audience the correct use of explosives in tunnel work.

The film is the third of a series of engineering motion pictures released by the du Pont Company and was well received because of current interest in all hydroelectric and public utilities developments.

**TELEGRAPH SERVICE
OFFERED IN WALKER**

For the convenience of the students, there will be a special agent of the Western Union Telegraph Company in the Basement of Walker Memorial, from 12:00 until 2:00 o'clock this afternoon to receive telegrams. If it should be necessary, he will remain longer.

There will be special rates on all Christmas messages; cables for Great Britain, France, Germany, Italy, and most European countries are priced at one dollar, and there are holiday rates for all countries. A gift order service similar to that used at Thanksgiving will be in use for those who desire it.

**CAGEMEN LOSE TO
CRIMSON VARSITY**

**Wenner, Star of Harvard Five
Uncorks Barrage in
Second Half**

(Continued from page 1)
though Harvard was the first to score, the Beavers came to the fore, losing the lead in the final minutes of the first half when Pierce, center on the Harvard team, sank two shots to make the score 13 to 10 a few minutes before the half. Technology, trying to score by long shots, failed to sink a basket, and the period ended with Harvard in the lead.

With a comfortable lead over the Engineers, Harvard sent in several substitutes, and the Beavers started another offensive but were not able to close the gap before the final gun, in spite of the sterling playing of Nee at forward. McDowell, who went in at center in place of Motter, was the only substitute to play for Technology during the game.

Freshmen Lose
In the afternoon game with the Harvard frosh, the Engineer yearlings lost by the score of 43 to 29. Wells was high point for Harvard with 17 points, while Feustel, forward of M. I. T., made a total of 15 for Technology. Jewell, center for the Engineer five, sank three long shots during the course of the game. Farnum, also a forward on the frosh team, played an excellent game against the Crimson yearlings. This is the second defeat for the freshmen, since they lost their game Wednesday against the Brown freshmen.

M. I. T. Varsity	G	F	P
Lawson, guard	1	2	4
Johnson, guard	0	0	0
Nelson, guard	0	1	1
Motter, center	1	1	3
McDowell, center	0	1	1
Nee, forward	5	1	11
Harrison, forward	2	0	4
Total	9	6	24

Harvard Varsity	G	F	P
Mahady, forward	0	1	1
Baskville, forward	0	1	1
Wenner, forward	5	2	12
Pattison, forward	0	0	0
Pierce, center	4	0	8
Rath, center	0	1	1
Nido, guard	3	0	6
Rex, guard	2	0	4
Burns, guard	0	0	0
Total	14	5	33

Referee, Kelleher—Umpire, Hoyt.

M. I. T. Freshmen	G	F	P
Brockleman, guard	0	1	1
Wesmler, guard	1	1	3
Jewell, guard	3	0	6
Haas, guard	0	0	0
Farnum, guard	2	0	4
Woodbury, guard	0	0	0
Feustel, forward	6	3	15
Total	12	5	29

Harvard Frosh	G	F	P
Wells, forward	8	1	17
Matovitch, forward	0	0	0
Davidson, forward	6	0	15
Mandlin, forward	0	0	0
Upton, center	2	0	4
Hageman, guard	2	0	4
Bryan, guard	0	0	0
Huppuch, guard	0	0	0
Reisner, guard	3	0	6
Haw, guard	0	0	0
Dorman, guard	0	0	0
Total	21	1	43

Referee—George Hoyt.

**Large Number of
Students Remain
For Xmas Recess**

**Men from West Do Not Go
Home—50% of Students
Live in Massachusetts**

With the annual Christmas exodus from Boston now at hand, the question of the geographical distribution of students comes up for discussion. The North Atlantic States lead in the number of Technology students. They also lead in the proportion of number of students to the population of the states.

Massachusetts leads with 1540, or slightly over 50 per cent of the total registration of the Institute; New York comes next with 285 students, New Jersey with 105, Pennsylvania with 100, and Connecticut with 89. Maine contributes 45 and New Hampshire 36, while Rhode Island and Vermont have 25 and 16 respectively.

For the students in these states the trip home amounts, at the most, to a little more than 12 hours ride on the train. However, as we survey those states which are farther west and south we find a considerable number who have a large slice cut out of their vacations by the time required to go to and return from home. Illinois leads with 86 students, Ohio is next with 53, and the District of Columbia, Missouri, Michigan, and Texas follow in order.

For those students living in the far western states, the time required for the trip and the expense involved is so great as to make it practically impossible for most of them to visit their homes. Of these the greatest number comes from California and Washington. The same applies to most of the 188 students who hail from foreign countries, a few from nearby Canada being excepted. The Institute boasts at least one student from practically every country in the world.

**A. E. S. Will Build
Glider as Designed
By Course XVI Men**

**Five Aeronautical Students to
Construct Glider Ready
For Use in Fall**

During the second term the Institute will assist the members of the Aeronautical Engineering Society in the construction of a glider for the use at Technology next fall. This is being done since this work will be of service in demonstrating principles of aviation design and aerodynamics in addition to actual flying experience. Five students who volunteer from Aviation Design Practise will substitute glider design for their regular work in this course. They will design the glider in detail and the parts will be built by students of aviation laboratories and summer shop course, and members of the Aeronautical Engineering Society. It is expected that one model will be completed by the beginning of next fall at which time those who have a part in its construction will be given an opportunity for short flights over the athletic field and surrounding area. The necessary initial velocity will be supplied by a rubber shock cord and by means of this the length of flight may be regulated.

The men showing the most aptitude in handling a glider will have an opportunity for longer flights off the dunes at the Cape. Additional gliders will be completed from the same plans as time permits.

Declaring that the dictation and enforcement of freshmen rules should be in the hands of the faculty, one professor at Victoria University recently forbade the freshmen to enter his lectures with the required yellow ties.

Nicotine has more charm for the Sophomore class than any other class at Furnam, according to statistics gathered by the Medical Department there. These statistics show that 33 percent of the freshmen use the yellow weed, while 47 percent of the Sophomores, 40 percent of the Juniors and 35 percent of the Seniors either chew, smoke, or roll their own. Only one percent admit that they chew.

At the University of Oregon, those Sophomores, who desire to spoil the lowly frosh's complexion, with a board, must first show the prospect a license from the Dean's office.

The Department of Foreign Languages at Stevens Institute is being discontinued with this year's curriculum, the reason being that the demand for instruction in this branch of learning has steadily diminished since the war. Henceforth the "Humanities" at Stevens will be limited strictly to English.

Because they violated the rule against padding, two prep organizations at the University of Oklahoma were abolished by the Board of Regents.

**C. E. S. HOLDS DINNER
MEETING IN WALKER**

"Explosives" was the topic which Mr. Abel Stevens of Wellesley discussed at the monthly dinner meeting of the Civil Engineering Society, which was held last Wednesday in Walker Memorial at 6:15 o'clock. Following the talk, a motion picture was shown which showed the hydroelectric development in the south.

At the termination of the picture Mr. Stevens answered the questions of the students who were present. This proved to be one of the most educational parts of the evening discussions. At the conclusion of this feature, the raffle was held. W. B. Whittemore '32 was the winner, having picked Red Grange's former football number, 77. The prize was a year's subscription to the Engineering News Record.

Thousands of tons of peculiar native stone have been quarried by Duke University for use in construction of its buildings, all of it from Duke's own stone quarry. By operating this quarry the University has saved thousands of dollars in the erection of the new structures.

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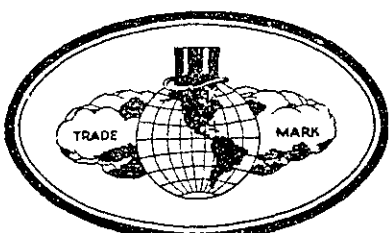
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NOTICES - ANNOUNCEMENTS

Of General Interest

Faculty Club Luncheon Meeting **Mr. Herbert Parker**
Friday, December 20, 12 M., Walker Memorial,
Faculty Dining Room

Mr. Herbert Parker, Chairman of the Massachusetts Bay Colony Tercentenary Commission, will speak on "The Massachusetts Tercentenary Celebration."

UNDERGRADUATE

MASTER MASONS

Will all Master Masons at Technology please sign their names and addresses on the paper provided for the purpose on the bulletin board at Entrance 69.

INFORMAL PHOTOS

Technique would like to secure any pictures taken of an Institute activity or informal photographs of students. Pictures of last year's Open House and Senior Week are especially desired. Hand in your material any time at the Technique office, Room 308 Walker Memorial.

BOWLING

Eddie Pung, manager of the Walker Bowling Alleys, is offering a turkey to the best three string bowler to the winner among the students or instructing staff. It will be presented Saturday. The tournament opens at 11 o'clock today, the price for the three strings bowled in the tournament being fifty cents. All interested are invited to enter and compete for the prize.

WRESTLING TEAM

All men who are going out for wrestling should report to the coach in the Hangar gym on Thursday, January 2. This is important.

Blades and Splashes

The boat house has strongly resembled Walker Gym recently, as all candidates for the crews have been taking their membership calisthenics just before their workout on the machines. The ups and downs of a crew man's life can be seen by reviewing the nightly routine they go through in preparation for the few races they actually row.

Stanley Wells, for two years on the Jay Vee crew, is again out for crew and will make good material for the Varsity boat.

Don Feters, ineligible last year, is again out for a position on the Varsity boat, having become eligible this year.

Until the present, freshmen substituting crew for P. T. have been allowed to work out any day during the week instead of on the scheduled Tuesdays, Thursdays, and Saturdays. In view of the great number of Varsity men using the rowing machines on Mondays, Wednesdays, and Fridays, it will be necessary for the freshmen to plan their rowing time to be either before 5 o'clock on these days or else revert to the former schedule.

For years the students of Oberlin have been petitioning the faculty to release grades on a mere "pass" or "fail" basis, rather than numerically. This request was finally granted recently, and now the students' curiosity has become so great that they have asked for a return to the former system.

Rogers Notes

Removing those restraints and barriers which bind men to the strict Social code of Boston, the fifth year students in Course IV had a merry gathering recently to commemorate the ending of the present year. At the start of the party there were 16 eds, and 3 co-eds but by the wayside the co-eds were lost and the party started to get merry. First the group visited the dark-slatern hole in the rear of the Hotel Statler, which was quite analogous to "Hogan's Hole" of past days, where they absorbed some food.

The smell of eats lured the three females back to the fold, and they made their appearance at the table occupied by the eds. The meal was served in true Turkish style, even to the extent of thumby soup. The students left the restaurants with the intent of going to a theatre but the problem now arose how to get rid of the women for good. Using the wit and subtlety of an architect this was soon accomplished, and the females were lost not to appear again.

The celebrating students adjourned to the Old Howard, where they had the first two rows of the orchestra reserved. They proceeded to make a happy occasion last for the nonce. Since time flies and the Old Howard closes the youths from Boylston street went to Scollay Square, and there had several group pictures taken. After spending several more hours in and around the vicinity they returned to their homes and thus the Christmas vacation at Rogers begins.

SPIKES

P. T. competition started in earnest at the track house on Wednesday afternoon when the first try-outs in the shot put were held. The rainy weather made it a good time to start the indoor events and the shot was chosen as the first.

So far over sixty freshmen have taken their tries in the shot and all have not yet reported. McAleer has

heaved the sphere the greatest distance so far when he made a put of 37 feet, 4 inches yesterday afternoon.

Eight events are to be held in the competition with a possibility of only seven required. The competition will remain open until March 29th.

The second encounter of the winter season for the Varsity will take place on January 25th when the team will

compete in the Prout Memorial games to be held at the Boston Garden under the auspices of the Boston Caledonian Club.

Local track men are reminded again that there will be practice on the board track every afternoon during the holidays except on Christmas and New Year's days. The practices will be held from 2 until 4 o'clock in the afternoon.

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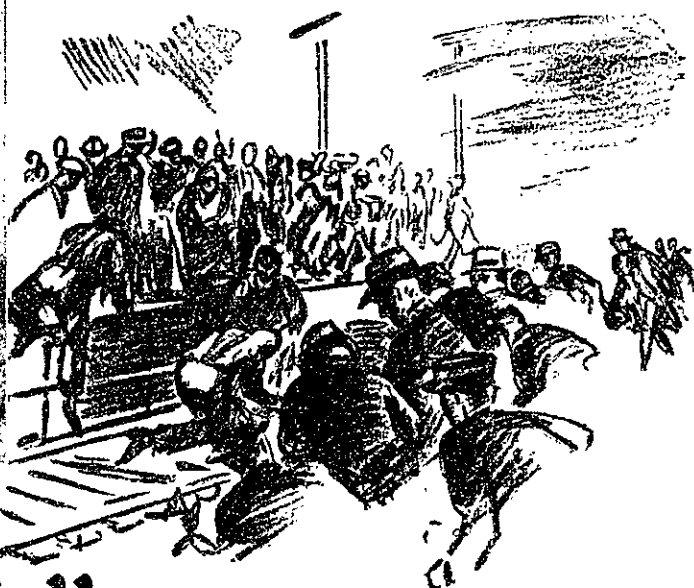
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"Listen to this"

"LISTEN TO THIS," said Dan over the lunch box. "When my street car got close to the tunnel, I spotted two kids on the trestle of the steam railroad watching the traffic below. All of a sudden along comes the steam train swingin' around the curve at a fast clip, and the young 'uns couldn't see it. Yell! yes, plenty and ringin' the gong like the devil, but nary a bit of good did it do until—well they started to run. One got clear, but Guy tripped on somethin' . . . fell . . . sprawled on the tracks. The locomotive hit him . . . knocked him between the rails. The whole Works rolls over him. Just as the third coach was going over, Guy sort of raised up and whack! something hit his head. We all thinks it's the end. I runs over and grabs him. Took his sweater off and puts it under his head. His hip was dislocated so I sets it again. The kid wasn't breathing. I rolled him over on his face and gave him prone-pressure treatment.

Didn't have much luck at first but finally he opened his eyes. As soon as I stopped he went cold, so I began again as if he was my own kid. Pretty soon he came to—this time to stay."

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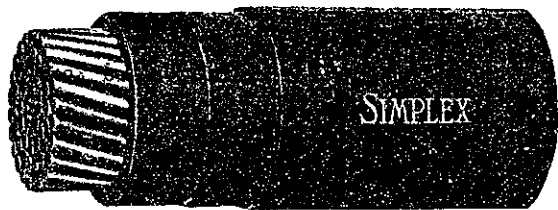
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